

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN03/00081

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: H04Q 7/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: H04Q 7/30 H04Q 7/22

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI EPODOC PAJ CNPAT: TOA, position+, locat+, ID, identifi+, delay, synchron+, direct, amplify+, station, relay, repeater, 直放站, 定位 中继

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO-A-9929130 (TELEFONAKTIEBOLAGET LM ERICSSON) 10.Jun.1999(10.06.99) see whole document, figure 2, 6	1-7
A	US-A-6014102 (MOTOROLA INC) 11.Jan.2000(11.01.00) , see whole document	1-7
A	JP-A-2000222310 (NIPPON DENKI TSUSHIN SYSTEM KK) 11.Aug.2000 (11.08.00) , English abstract, figure	1-7
A	EP-A-1030531 (LUCENT TECHNOLOGIES INC) 23.Aug.2000(23.08.00), see whole document	1-7
A	WO-A-0021326 (ERICSSON INC) 13.Apr.2000(13.04.2000), see whole document	1-7
A	CN-A-1283008 (HUAQIAO ELECTRONIC ENTERPRISE CO LTD) 07.Feb.2001(07.02.2001), see whole document	1-7

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family

Date of the actual completion of the international search
25. APR. 2003(25.04.03)

Date of mailing of the international search report

15 MAY 2003 (15.05.03)

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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CN1283008 A	07.02.2001	NONE	